

This listing of claims will replace all prior versions, and listings, of claims in the application:

1 Claims 1-14 (canceled).

1 Claim 15 (new) A color image display system comprising:

2 a plurality of partial color image display means for
3 displaying partial color images to be synthetically
4 displayed as a color image of one frame, on the basis of
5 partial color image data; and

6 image data conversion means for converting input color
7 image data into said partial color image data on the basis
8 of color reproduction characteristics of said plurality of
9 partial color image display means.

1 Claim 16 (new) A system according to claim 1, wherein

2 color reproduction characteristics of the plurality of
3 partial color image display means comprise tone-curve
4 characteristic data and a color conversion matrix of each
5 partial color image display means.

1 Claim 17 (new) A color image display system comprising:

2 a plurality of partial color image display means for
3 displaying partial color images to be synthetically
4 displayed as a color image of one frame, on the basis of
5 partial color image data; and

6 image data conversion means for converting input color
7 image data into said partial color image data so as to
8 display the partial color images to be synthetically
9 displayed as a color image of one frame superimposed on a
10 predetermined set bias on the basis of color reproduction

11 characteristics of said plurality of partial color image
12 display means.

1 Claim 18 (new) A system according to claim 3, wherein the
2 color reproduction characteristics of the plurality of
3 partial color image display means are bias data provided
4 according to a position in an image.

1 Claim 19 (new) A system according to claim 3, wherein the
2 set bias is a maximum value in a synthetic image of a
3 physical bias of the plurality of partial color image
4 display means.

1 Claim 20 (new) A system according to claim 3, wherein the
2 set bias becomes smaller towards the periphery of the
3 synthetically displayed image, from the center.

1 Claim 21 (new) A system according to claim 3, wherein the
2 set bias is set on the basis of the relation between an
3 input color image data and the synthetic image of a
4 physical bias of the plurality of partial color image
5 display means.

1 Claim 22 (new) A color image display system comprising:
2 a plurality of partial color image display means for
3 displaying partial color images to be synthetically
4 displayed as a color image of one frame, on the basis of
5 partial color image data; and
6 image data conversion means for converting input color
7 image data into said partial color images so as to display,
8 at a predetermined ratio set according to the position in
9 an overlap region, the partial color image contained in the

10 overlap region between the partial color images displayed
11 by said partial color image display means on the basis of
12 color reproduction characteristics of said plurality of
13 partial color image display means.

1 Claim 23 (new) A color image display system comprising:
2 a plurality of partial color image display means for
3 displaying partial color images to be synthetically
4 displayed as a color image of one frame, on the basis of
5 partial color image data; and
6 image data conversion means for converting input color
7 image data into said partial color image data so as to
8 correct nonuniformities in the color images synthetically
9 displayed by said partial color image display means on the
10 basis of color reproduction characteristics of said
11 plurality of partial color image display means.

1 Claim 24 (new) A color image display system comprising:
2 a plurality of partial color image display means for
3 displaying partial color images to be synthetically
4 displayed as a color image of one frame, on the basis of
5 partial color image data; and
6 image data conversion means for converting input color
7 image data into the partial color image data on the basis
8 of color reproduction characteristics of said plurality of
9 partial color image display means,
10 wherein said partial color image display means display
11 the partial color images in an overlap region between the
12 partial color images displayed by said partial color image
13 display means with display luminance lower physically than
14 in a remaining region.

1 Claim 25 (new) A color image display system, comprising:
2 a plurality of partial color image display means for
3 displaying partial color images to be synthetically
4 displayed as a color image of one frame, on the basis of
5 partial color image data; and
6 image data conversion means for converting input color
7 image data into the partial color image data on the basis
8 of characteristics of the plurality of partial color image
9 display means,
10 wherein the image data conversion means for the input
11 color image data comprises:
12 color correction means for correcting a
13 color;
14 geometric correction means for
15 correcting geometric;
16 bias correction means for correcting a
17 bias;
18 nonuniformity correction means for
19 correcting nonuniformity; and
20 tone-curve correction means for
21 correcting a tone-curve.

1 Claim 26 (new) A system according to claim 1, wherein the
2 plurality of partial color image display means is a
3 multi-primary-color display means displaying each pixel
4 with at least four primary colors.

1 Claim 27 (new) A system according to claim 3, wherein the
2 plurality of partial color image display means is a
3 multi-primary-color display means displaying each pixel
4 with at least four primary colors.

1 Claim 28 (new) A system according to claim 8, wherein the
2 plurality of partial color image display means is a
3 multi-primary-color display means displaying each pixel
4 with at least four primary colors.

1 Claim 29 (new) A system according to claim 9, wherein the
2 plurality of partial color image display means is a
3 multi-primary-color display means displaying each pixel
4 with at least four primary colors.

1 Claim 30 (new) A system according to claim 10, wherein the
2 plurality of partial color image display means is a
3 multi-primary-color display means displaying each pixel
4 with at least four primary colors.

1 Claim 31 (new) A system according to claim 11, wherein the
2 plurality of partial color image display means is a
3 multi-primary-color display means displaying each pixel
4 with at least four primary colors.--